

Title: Fade controller for providing programmable fade

rates for on-screen display (OSD) window

Inventor: Mohammad K. Seth

Appl.No. 10/614,228 Atty.Docket No.: P05617

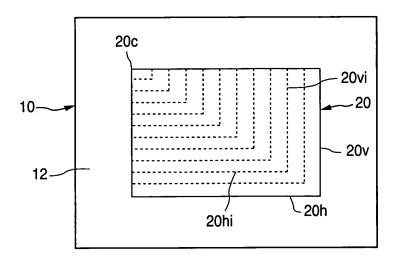


FIG. 1

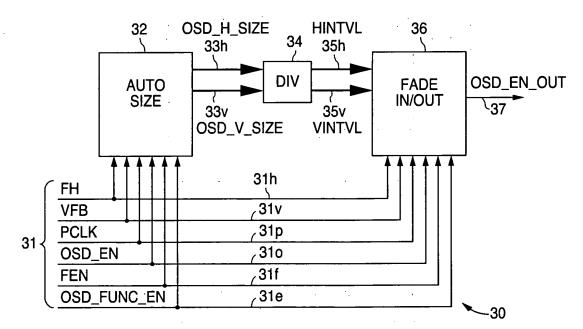


FIG. 2

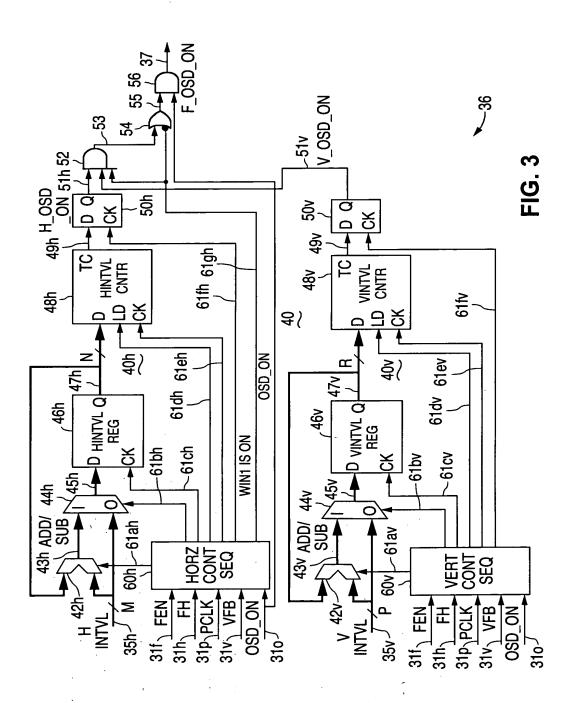
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 $A = active_1$ 

FIE = FEN & OSD\_ENABLE & Window1\_Enable

FOE = FEN & (OSD\_ENABLE | WINDOW1\_ENABLE)

FOA = FOE & A

100

!H

H = Win1\_is \_on (set on start of Win1 & cleared on line\_beg-le Or start of Win2)

O = H & OSD\_ON

FI = FEN & O

OVR = h accum - HINTVL <= 0

S = FIE & V & HINTVL = 0TC = h count to V = vflyback\_sl & line\_beg\_le VDN = Vertical Fade Out Done

FIG. 4

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